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Three-Phase Squirrel Cage Motors in explosion-proofed design High-Voltage Type DDOR (EExd II CT4) and DEDOR (EExde II CT4)

The Helmke motor series provide reliability and safety.

Squirrel cage motors

Power: 200 - 1,200 kW
Speed: 3,000 - 750 rpm
Voltage: 3,000 - 11,000 V
Degree of protection: IP 55
Cooling method: IC 411
Frame type: B3

Conventional applications

2 - 4 pole: pumps, compressors, blowers
6 - 8 pole: fans

Constructional features for IC 411 motors

- torsion resistant, sturdy housing with internal and external ribs for an optimum heat dissipation
- reliable bearing design
- VPI insulating system
- end windings resistant to residual field switchovers of all magnitudes and phase positions

